

RER Declaration of Conformity (DoC)

We, Silicon Laboratories Finland Oy, a corporation branch and subsidiary of Silicon Laboratories Inc., validly organized and existing under the laws of Finland, having its principal place of business at Alberga Business Park, Bertel Jungin aukio 3, 02600 Espoo, Finland, as the manufacturers hereby

declare under our sole responsibility that the Bluetooth Low Energy (LE) wireless radio modules with brand name of *Silicon Labs* and with model name(s) of

BGM121A and BGM123A and BGM121N and BGM123N

to which this declaration relates, conform with the essential and other relevant requirements of the UK's Radio Equipment Regulations 2017 (RER) S.I. 2017/1206. The conformity is specifically, but not limitedly, supported by the compliance with the following designated standards and/or normative documents:

SAFETY of information and communication technology equipment (Regulation 6(1)(a))

- EN 62368-1:2020 + A11:2020

RF EXPOSURE of low power electronic and electrical equipment (Regulation 6(1)(a))

- EN 62479:2010 (Section 4.1 Route D, consequently compliant to EN 62311:2008)

EMC for broadband data transmission systems (Regulation 6(1)(b))

- EN 301 489-1 v2.1.1 (2017-02) and EN 301 489-17 v3.1.1 (2017-02)
 - Radiated Radio Frequency Electromagnetic Field Immunity, EN 61000-4-3:2006 + A1:2008 + A2:2010
 - Electrostatic Discharge Immunity, EN 61000-4-2:2009

SPECTRUM for wideband transmission systems operating in the 2.4 GHz ISM band (Regulation 6(2))

- EN 300 328 v2.2.2 (2019-07)
 - RF output power
 - Power spectral density
 - Occupied channel bandwidth
 - Transmitter unwanted spurious emissions in the out-of-band and spurious domains
 - Receiver spurious emissions
 - Receiver blocking

Supplementary information:

- Modules are compliant under the worst-case conditions described in the formal test reports. Due to the modules being highly configurable, integrators are still further responsible to ensure the compliance of their end-products, both by implementing the most suitable hardware and software configuration, based on the accompanying guidance and manuals, and by further compliance testing.
- Technical Construction File held by: Silicon Laboratories Finland Oy

Place and date of issue (of this DoC): Espoo, 18 November 2022



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